

In the Claims

1.-43. (Cancelled)

44. (Currently Amended) A pharmaceutical composition comprising:

a therapeutically effective amount of ~~an antigen presenting dendritic cell comprising antigens from an autologous, patient dendritic cells, said dendritic cells being loaded with 2,2'-dithiopyridine-inactivated, non-recombinant human immunodeficiency virus (HIV) isolated from blood tissue and obtained from a monocyte by plastic adherence followed by culture with GM-CSF and IL-4;~~ and

a pharmaceutically acceptable carrier;

wherein the 2,2'-dithiopyridine-inactivated human immunodeficiency virus is chemically inactivated by 2,2'-dithiopyridine, the an autologous virus and is isolated from the blood tissue of said patient, and

wherein said dendritic cells loaded with the autologous, inactivated, non-recombinant human immunodeficiency virus are obtained by:

isolating peripheral blood mononuclear cells from whole blood,

subjecting said peripheral blood mononuclear cells to plastic adherence,

culturing these plastic adherent cells with GM-CSF and IL-4 to obtain the dendritic cells,

adding said 2,2'-dithiopyridine-inactivated virus to the dendritic cells and

culturing these dendritic cells, thereby obtaining the pharmaceutical composition;

wherein said composition expands *in vivo* expression of virus-specific CD8+ T-cells, and said virus-specific CD8+ T-cells kill HIV-infected cells.

45. – 51. (Cancelled)

52. (Previously Presented) The pharmaceutical composition of Claim 44, further comprising an adjuvant.

53. (Previously Presented) The pharmaceutical composition of claim 52, wherein said adjuvant is a protease inhibitor.

54. (Previously Presented) The pharmaceutical composition of claim 53, wherein said protease inhibitor is indinavir.

55. (Previously Presented) The pharmaceutical composition of claim 54, wherein said composition comprises non-antiviral concentration of indinavir.

56. (Previously Presented) The pharmaceutical composition of claim 55, comprising a concentration of indinavir of 10 nM.